

IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently amended) A method in a network data processing system for distributed computing, the method comprising:
accepting a task for distributed computing;
sending work units into which the accepted task is divided to a plurality of data processing systems on a network, wherein each data processing system within the plurality of data processing systems includes a software for accepting a work unit, processing the accepted work unit to generate a result, and returning the result, wherein the software of each data processing system within the plurality of data processing systems is monitored for compliance with an operation policy requiring a connection data processing system to be connected to the network and allocating to allocate a period of time for processing work units; and
receiving results from the plurality of data processing systems.
2. (Original) The method of claim 1 further comprising:
assigning each of the plurality of data processing systems to a different user.
3. (Original) The method of claim 1, wherein each data processing system within the plurality of data processing systems is in a different location.
4. (Canceled)
5. (Canceled)
6. (Canceled)

7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Currently amended) A data processing system comprising:
 - a bus system;
 - a communications unit connected to the bus system;
 - a memory connected to the bus system, wherein the memory includes ~~[[as]]~~ a set of instructions; and
 - a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to accept a task for distributed computing; ~~send~~ sends work units into which the accepted task is divided to a plurality of data processing systems on a network, wherein each data processing system within the plurality of data processing systems includes a software for accepting a work unit, processing the accepted work unit to generate a result, and returning the result, wherein the software of each data processing system within the plurality of data processing systems is monitored for compliance with an operation policy requiring a ~~connection~~ data processing system to be connected to the network and ~~allocating~~ to allocate a period of time for processing work units; and receive results from the plurality of data processing systems.
13. (Canceled)
14. (Canceled)

15. (Currently amended) A data processing system for distributed computing, the data processing system comprising:

accepting means for accepting a task for distributed computing;

sending means for sending work units into which the accepted task is divided to a plurality of data processing systems on a network, wherein each data processing system within the plurality of data processing systems includes a software for accepting a work unit, processing the accepted work unit to generate a result, and returning the result, wherein the software of each data processing system within the plurality of data processing systems is monitored for compliance with an operation policy requiring a connection data processing system to be connected to the network and allocating to allocate a period of time for processing work units; and

receiving means for receiving results from the plurality of data processing systems.

16. (Original) The data processing system of claim 15 further comprising:

assigning means for assigning each of the plurality of data processing systems to a different user.

17. (Original) The data processing system of claim 15, wherein each data processing system within the plurality of data processing systems is in a different location.

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Currently amended) A computer program product in a computer readable medium for distributed computing, the computer program product comprising:
first instructions for accepting a task for distributed computing;
second instructions for sending work units into which the accepted task is divided to a plurality of data processing systems on a network, wherein each data processing system within the plurality of data processing systems includes a software for accepting a work unit, processing the accepted work unit to generate a result, and returning the result, wherein the software of each data processing system within the plurality of data processing systems is monitored for compliance with an operation policy requiring a connection data processing system to be connected to the network and allocating to allocate a period of time for processing work units; and
third instructions for receiving results from the plurality of data processing systems.

26. (Canceled)

27. (Canceled)